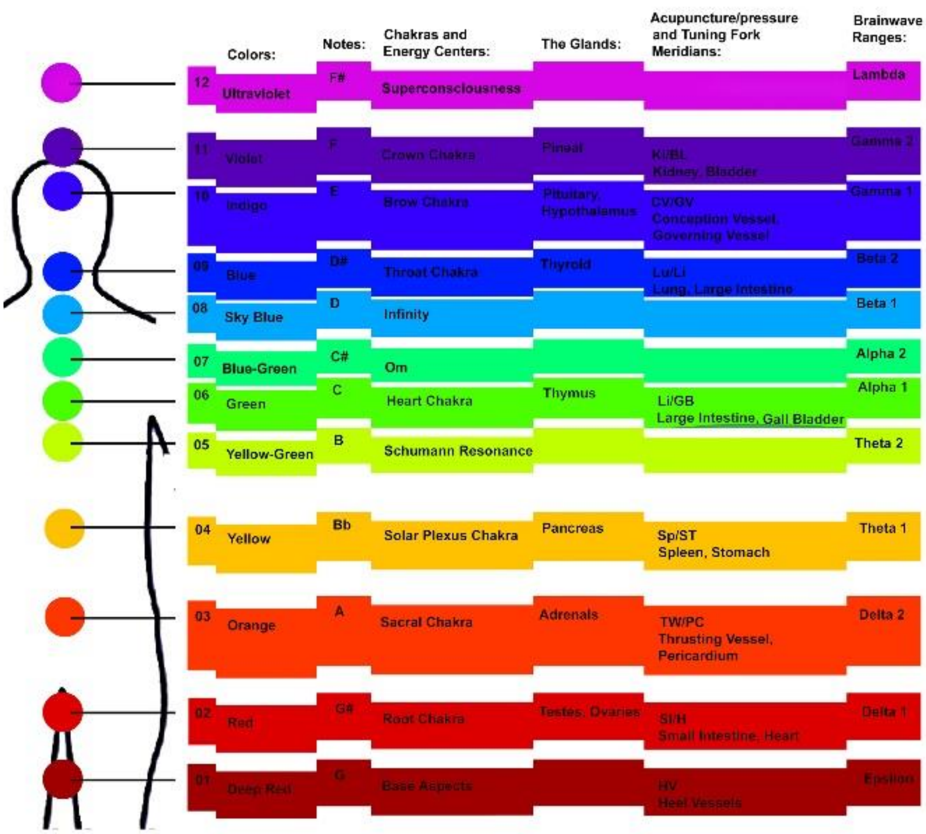
Pitches, Temperaments, Intervals, & Color-Octaves

Dameon M. Keller, 2018

Abstract

The common correlation of music notes to the 7 Chakras, based on the C major scale, is incorrect. The human body is not a keyboard, and energy is not linear, it expands from the center (C.) Further, modern pitch and temperament "standards" are incorrect for meditative, therapeutic, or brainwave entrainment music. Charts of musical temperaments provided, with variations on pitch. Each column's color is correlative to its THz octave, utilizing the Law of Octaves. As demonstrated by the photographing of light behaving as both a particle and a wave in May of 2015, the Law of Octaves applies to the entire frequency spectrum.

The Chromatic Scale and The Solar Spectrum



The chart above correlates to Scientific Pitch of C=1Hz, A432, and other pitch and temperaments which are more natural than modern "standards," in which the chromatic scale does not align the solar spectrum. Note that contrary to current practices of utilizing the C major scale for Chakras, the note "C" is not an octave of red, or the Root, but green, the Heart, the center. Energy is not linear like a musical keyboard, but expands outward from a central point.

The Intervals and the Brainwave Ranges
The intervals are correlative to and increase peaks in the brainwaves via Sympathetic Vibratory Resonance.

BRAINWAVE FREQUENCIES

Epsilon - below 0.5Hz - associated with very high states of meditation, ecstatic states of consciousness, high-level inspiration states, spiritual insight and out-of-body experiences, higher Yogic states of suspended animation. Epsilon brainwave patterns might have HyperGamma and/or Lambda patterns modulating within them *

Delta - 0.5-3Hz - deep, dreamless sleep, complely unconscious **

Theta - 3-8HZ - meditation, extreme relaxation, or light sleep **

Alpha - 8-14Hz - awake but relaxed and calm **

Beta - 14-30Hz - wide awake and alert **

Gamma - 30-40Hz - associated with the formation of ideas, language, memory processing, and learning **

High or Hyper-Gamma - 40-100Hz - higher levels of brain organization, "binding" information from all the senses together into perception, 40Hz common in Tibetan Monks during meditation *

Lambda - 100-200hz - ecstatic states of consciousness
Hyper-Gamma/Lambda brainwave patterns "ride" on a super slow Epsilon modulation. They appear to be associated with the type of extraordinary states of consciousness we find in the highest states of meditation, deepest levels of insight, personal original creative problem solving and high degrees of self-awareness *

* © 1999 Dr. Jeffrey D. Thompson, D.C., B.F.A -- Center for Neuroacoustic Research
** Transparent Corporation, "What are Brainwaves?"

The following charts include pitch and temperament variations for side-by-side observation, with some explanatory notes on each. All charts were expanded from one octave to many, from far below the range of hearing into vibration and the brainwaves, and high up into octaves in the highest ranges of human hearing capabilities.

For audio clips of many of the scales, and more, visit
http://dameonkeller.wixsite.com/soundsgreat/sound-clips

Pythagorean Fifths the most ideal intervals, but only allows for composing and playing in C major, shown here in Scientific Pitch C=1Hz which also provides A at 432Hz

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.02225	0.04449	0.08899	0.17798	0.35596	0.71191	1.42383	2.84766	5.69531	11.3906	22.7813	45.5625	91.125	182.25	364.5	729	1458	2916	5832	11664	23328
interval	0.00113	0.00226	0.00452	0.00903	0.01807	0.03613	0.07227	0.14453	0.28906	0.57813	1.15625	2.3125	4.625	9.25	18.5	37	74	148	296	592	1184
F	0.02112	0.04224	0.08447	0.16895	0.33789	0.67578	1.35156	2.70313	5.40625	10.8125	21.625	43.25	86.5	173	346	692	1384	2768	5536	11072	22144
interval	0.00134	0.00269	0.00537	0.01074	0.02148	0.04297	0.08594	0.17188	0.34375	0.6875	1.375	2.75	5.5	11	22	44	88	176	352	704	1408
E	0.01978	0.03955	0.0791	0.1582	0.31641	0.63281	1.26563	2.53125	5.0625	10.125	20.25	40.5	81	162	324	648	1296	2592	5184	10368	20736
interval	0.001	0.00201	0.00401	0.00803	0.01605	0.03211	0.06422	0.12844	0.25688	0.51375	1.0275	2.055	4.11	8.22	16.44	32.88	65.76	131.52	263.04	526.08	1052.16
D#	0.01877	0.03754	0.07509	0.15018	0.30035	0.6007	1.20141	2.40281	4.80563	9.61125	19.2225	38.445	76.89	153.78	307.56	615.12	1230.24	2460.48	4920.96	9841.92	19683.8
interval	0.00119	0.00239	0.00478	0.00955	0.0191	0.0382	0.07641	0.15281	0.30563	0.61125	1.2225	2.445	4.89	9.78	19.56	39.12	78.24	156.48	312.96	625.92	1251.84
D	0.01758	0.03516	0.07031	0.14063	0.28125	0.5625	1.125	2.25	4.5	9	18	36	72	144	288	576	1152	2304	4608	9216	18432
interval	0.00089	0.00178	0.00357	0.00714	0.01428	0.02855	0.05711	0.11422	0.22844	0.45688	0.91375	1.8275	3.655	7.31	14.62	29.24	58.48	116.96	233.92	467.84	935.68
C#	0.01669	0.03337	0.06674	0.13349	0.26697	0.53395	1.06789	2.13578	4.27156	8.54313	17.0863	34.1725	68.345	136.69	273.38	546.76	1093.52	2187.04	4374.08	8748.16	17496.3
interval	0.00106	0.00212	0.00424	0.00849	0.01697	0.03395	0.06789	0.13578	0.27156	0.54313	1.08625	2.1725	4.345	8.69	17.38	34.76	69.52	139.04	278.08	556.16	1112.32
C	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024	2048	4096	8192	16384
interval	0.00079	0.00159	0.00317	0.00635	0.0127	0.02539	0.05078	0.10156	0.20313	0.40625	0.8125	1.625	3.25	6.5	13	26	52	104	208	416	832
Bb	0.01483	0.02966	0.05933	0.11865	0.2373	0.47461	0.94922	1.89844	3.79688	7.59375	15.1875	30.375	60.75	121.5	243	486	972	1944	3888	7776	15552
interval	0.00075	0.00151	0.00301	0.00603	0.01205	0.0241	0.0482	0.09641	0.19281	0.38563	0.77125	1.5425	3.085	6.17	12.34	24.68	49.36	98.72	197.44	394.88	789.76
Bb	0.01408	0.02816	0.05631	0.11263	0.22525	0.45051	0.90102	1.80203	3.60406	7.20813	14.4163	28.8325	57.665	115.33	230.66	461.32	922.64	1845.28	3690.56	7381.12	14762.2
interval	0.00089	0.00179	0.00358	0.00716	0.01432	0.02863	0.05727	0.11453	0.22906	0.45813	0.91625	1.8325	3.665	7.33	14.66	29.32	58.64	117.28	234.56	469.12	938.24
A	0.01318	0.02637	0.05273	0.10547	0.21094	0.42188	0.84375	1.6875	3.375	6.75	13.5	27	54	108	216	432	864	1728	3456	6912	13824
interval	0.00067	0.00134	0.00269	0.00537	0.01074	0.02148	0.04297	0.08594	0.17188	0.34375	0.6875	1.375	2.75	5.5	11	22	44	88	176	352	704
G#	0.01251	0.02502	0.05005	0.1001	0.2002	0.40039	0.80078	1.60156	3.20313	6.40625	12.8125	25.625	51.25	102.5	205	410	820	1640	3280	6560	13120
interval	0.00079	0.00159	0.00317	0.00635	0.0127	0.02539	0.05078	0.10156	0.20313	0.40625	0.8125	1.625	3.25	6.5	13	26	52	104	208	416	832
G	0.01172	0.02344	0.04688	0.09375	0.1875	0.375	0.75	1.5	3	6	12	24	48	96	192	384	768	1536	3072	6144	12288
interval	0.00119	0.00238	0.00476	0.00952	0.01904	0.03809	0.07617	0.15234	0.30469	0.60938	1.21875	2.4375	4.875	9.75	19.5	39	78	156	312	624	-23328

Maria Renold's Scale of Twelve Fifths enables you to compose & play in any key, also providing both Scientific Pitch C=1Hz and A432Hz

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.0221	0.04419	0.08839	0.17678	0.35355	0.70711	1.41422	2.82844	5.65688	11.3138	22.6275	45.255	90.51	181.02	362.04	724.08	1448.16	2896.32	5792.64	11585.3	23170.6
interval	0.00126	0.00253	0.00506	0.01011	0.02022	0.04045	0.0809	0.1618	0.32359	0.64719	1.29438	2.58875	5.1775	10.355	20.71	41.42	82.84	165.68	331.36	662.72	1325.44
F	0.02083	0.04167	0.08333	0.16667	0.33333	0.66666	1.33332	2.66664	5.33328	10.6666	21.3331	42.6663	85.3325	170.665	341.33	682.66	1365.32	2730.64	5461.28	10922.6	21845.1
interval	0.00106	0.00212	0.00423	0.00846	0.01692	0.03385	0.0677	0.13539	0.27078	0.54156	1.08313	2.16625	4.3325	8.665	17.33	34.66	69.32	138.64	277.28	554.56	1109.12
E	0.01978	0.03955	0.0791	0.1582	0.31641	0.63281	1.26563	2.53125	5.0625	10.125	20.25	40.5	81	162	324	648	1296	2592	5184	10368	20736
interval	0.00113	0.00226	0.00452	0.00905	0.0181	0.03619	0.07238	0.14477	0.28953	0.57906	1.15813	2.31625	4.6325	9.265	18.53	37.06	74.12	148.24	296.48	592.96	1185.92
D#	0.01864	0.03729	0.07458	0.14916	0.29831	0.59662	1.19324	2.38648	4.77297	9.54594	19.0919	38.1838	76.3675	152.735	305.47	610.94	1221.88	2443.76	4887.52	9775.04	19550.1
interval	0.00107	0.00213	0.00427	0.00853	0.01706	0.03412	0.06824	0.13648	0.27297	0.54594	1.09188	2.18375	4.3675	8.735	17.47	34.94	69.88	139.76	279.52	559.04	1118.08
D	0.01758	0.03516	0.07031	0.14063	0.28125	0.5625	1.125	2.25	4.5	9	18	36	72	144	288	576	1152	2304	4608	9216	18432
interval	0.00101	0.00201	0.00402	0.00804	0.01608	0.03217	0.06434	0.12867	0.25734	0.51469	1.02938	2.05875	4.1175	8.235	16.47	32.94	65.88	131.76	263.52	527.04	1054.08
C#	0.01657	0.03315	0.06629	0.13258	0.26517	0.53033	1.06066	2.12133	4.24266	8.48531	16.9706	33.9413	67.8825	135.765	271.53	543.06	1086.12	2172.24	4344.48	8688.96	17377.9
interval	0.00095	0.0019	0.00379	0.00758	0.01517	0.03033	0.06066	0.12133	0.24266	0.48531	0.97062	1.94125	3.8825	7.765	15.53	31.06	62.12	124.24	248.48	496.96	993.92
C	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024	2048	4096	8192	16384
interval	0.00079	0.00159	0.00317	0.00635	0.0127	0.02539	0.05078	0.10156	0.20313	0.40625	0.8125	1.625	3.25	6.5	13	26	52	104	208	416	832
Bb	0.01483	0.02966	0.05933	0.11865	0.2373	0.47461	0.94922	1.89844	3.79688	7.59375	15.1875	30.375	60.75	121.5	243	486	972	1944	3888	7776	15552
interval	0.00085	0.0017	0.00339	0.00678	0.01357	0.02714	0.05428	0.10855	0.21711	0.43422	0.86844	1.73688	3.47375	6.9475	13.895	27.79	55.58	111.16	222.32	444.64	889.28
Bb	0.01398	0.02797	0.05593	0.11187	0.22374	0.44747	0.89494	1.78988	3.57977	7.15953	14.3191	28.6381	57.2763	114.553	229.105	458.21	916.42	1832.84	3665.68	7331.36	14662.7
interval	0.0008	0.0016	0.0032	0.0064	0.0128	0.0256	0.05119	0.10238	0.20477	0.40953	0.81906	1.63813	3.27625	6.5525	13.105	26.21	52.42	104.84	209.68	419.36	838.72
A	0.01318	0.02637	0.05273	0.10547	0.21094	0.42188	0.84375	1.6875	3.375	6.75	13.5	27	54	108	216	432	864	1728	3456	6912	13824
interval	0.00075	0.00151	0.00302	0.00603	0.01207	0.02413	0.04826	0.09652	0.19305	0.38609	0.77219	1.54438	3.08875	6.1775	12.355	24.71	49.42	98.84	197.68	395.36	790.72
G#	0.01243	0.02486	0.04972	0.09944	0.19887	0.39774	0.79549	1.59098	3.18195	6.36391	12.7278	25.4556	50.9113	101.823	203.645	407.29	814.58	1629.16	3258.32	6516.64	13033.3
interval	0.00071	0.00142	0.00284	0.00569	0.01137	0.02274	0.04549	0.09098	0.18195	0.36391	0.72781	1.45563	2.91125	5.8225	11.645	23.29	46.58	93.16	186.32	372.64	745.28
G	0.01172	0.02344	0.04688	0.09375	0.1875	0.375	0.75	1.5	3	6	12	24	48	96	192	384	768	1536	3072	6144	12288
interval	0.00134	0.00268	0.00536	0.01072	0.02145	0.04289	0.08578	0.17156	0.34313	0.68625	1.3725	2.745	5.49	10.98	21.96	43.92	87.84	175.68	351.36	702.72	-23170.6

Equal Temperament A432Hz an ok compromise for those who cannot part with keyboards and fretted guitars, a bonus is that C# is 136.10Hz Vedic Om

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.02217	0.04435	0.0887	0.17739	0.35479	0.70957	1.41914	2.83828	5.67656	11.3531	22.7063	45.4125	90.825	181.65	363.3	726.6	1453.2	2906.4	5812.8	11625.6	23251.2
interval	0.00125	0.0025	0.005	0.01001	0.02002	0.04004	0.08008	0.16016	0.32031	0.64063	1.28125	2.5625	5.125	10.25	20.5	41	82	164	328	656	1312
F	0.02092	0.04185	0.08369	0.16738	0.33477	0.66953	1.33906	2.67813	5.35625	10.7125	21.425	42.85	85.7	171.4	342.8	685.6	1371.2	2742.4	5484.8	10969.6	21939.2
interval	0.00117	0.00234	0.00469	0.00937	0.01875	0.0375	0.075	0.15	0.3	0.6	1.2	2.4	4.8	9.6	19.2	38.4	76.8	153.6	307.2	614.4	1228.8
E	0.01975	0.0395	0.079	0.15801	0.31602	0.63203	1.26406	2.52813	5.05625	10.1125	20.225	40.45	80.9	161.8	323.6	647.2	1294.4	2588.8	5177.6	10355.2	20710.4
interval	0.0011	0.00221	0.00442	0.00884	0.01768	0.03535	0.0707	0.14141	0.28281	0.56563	1.13125	2.2625	4.525	9.05	18.1	36.2	72.4	144.8	289.6	579.2	1158.4
D#	0.01865	0.03729	0.07458	0.14917	0.29834	0.59668	1.19336	2.38672	4.77344	9.54688	19.0938	38.1875	76.375	152.75	305.5	611	1222	2444	4888	9776	19552
interval	0.00105	0.0021	0.0042	0.0084	0.0168	0.03359	0.06719	0.13438	0.26875	0.5375	1.075	2.15	4.3	8.6	17.2	34.4	68.8	137.6	275.2	550.4	1100.8
D	0.0176	0.03519	0.07039	0.14077	0.28154	0.56309	1.12617	2.25234	4.50469	9.00938	18.0188	36.0375	72.075	144.15	288.3	576.6	1153.2	2306.4	4612.8	9225.6	18451.2
interval	0.00098	0.00197	0.00393	0.00786	0.01572	0.03145	0.06289	0.12578	0.25156	0.50313	1.00625	2.0125	4.025	8.05	16.1	32.2	64.4	128.8	257.6	515.2	1030.4
C#	0.01661	0.03323	0.06646	0.13291	0.26582	0.53164	1.06328	2.12656	4.25313	8.50625	17.0125	34.025	68.05	136.1	272.2	544.4	1088.8	2177.6	4355.2	8710.4	17420.8
interval	0.00094	0.00188	0.00376	0.00752	0.01504	0.03008	0.06016	0.12031	0.24063	0.48125	0.9625	1.925	3.85	7.7	15.42	30.84	61.68	123.36	246.72	493.44	986.88
C	0.01567	0.03135	0.0627	0.12539	0.25078	0.50156	1.00313	2.00625	4.0125	8.025	16.05	32.1	64.2	128.4	256.78	513.56	1027.12	2054.24	4108.48	8216.96	16433.9
interval	0.00088	0.00176	0.00352	0.00703	0.01406	0.02813	0.05625	0.1125	0.225	0.45	0.9	1.8	3.6	7.2	14.38	28.76	57.52	115.04	230.08	460.16	920.32
Bb	0.01479	0.02959	0.05918	0.11836	0.23672	0.47344	0.94688	1.89375	3.7875	7.575	15.15	30.3	60.6	121.2	242.4	484.8	969.6	1939.2	3878.4	7756.8	15513.6
interval	0.00083	0.00166	0.00332	0.00664	0.01328	0.02656	0.05313	0.10625	0.2125	0.425	0.85	1.7	3.4	2	13.6	27.2	54.4	108.8	217.6	435.2	870.4
Bb	0.01396	0.02793	0.05586	0.11172	0.22344	0.44688	0.89375	1.7875	3.575	7.15	14.3	28.6	57.2	114.4	228.8	457.6	915.2	1830.4	3660.8	7321.6	14643.2
interval	0.00078	0.00156	0.00313	0.00625	0.0125	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.4	12.8	25.6	51.2	102.4	204.8	409.6	819.2
A	0.01318	0.02637	0.05273	0.10547	0.21094	0.42188	0.84375	1.6875	3.375	6.75	13.5	27	54	108	216	432	864	1728	3456	6912	13824
interval	0.00074	0.00148	0.00297	0.00593	0.01187	0.02373	0.04746	0.09492	0.18984	0.37969	0.75938	1.51875	3.0375	6.075	12.15	24.3	48.6	97.2	194.4	388.8	777.6
G#	0.01244	0.02488	0.04977	0.09954	0.19907	0.39814	0.79629	1.59258	3.18516	6.37031	12.7406	25.4813	50.9625	101.925	203.85	407.7	815.4	1630.8	3261.6	6523.2	13046.4
interval	0.0007	0.0014	0.0028	0.00559	0.01118	0.02236	0.04473	0.08945	0.17891	0.35781	0.71562	1.43125	2.8625	5.725	11.45	22.9	45.8	91.6	183.2	366.4	732.8
G	0.01174	0.02349	0.04697	0.09395	0.18789	0.37578	0.75156	1.50313	3.00625	6.0125	12.025	24.05	48.1	96.2	192.4	384.8	769.6	1539.2	3078.4	6156.8	12313.6
interval	0.00131	0.00262	0.00525	0.0105	0.021	0.04199	0.08398	0.16797	0.33594	0.67188	1.34375	2.6875	5.375	10.75	21.5	43	86	172	344	688	-23251.2

Equal Temperament A440Hz the modern Western "standard," widely ignored by most of the world, too high in pitch for vocals and strings, intervals harsh and trigger base instincts, out-of-tune by definition, though only 8Hz apart from A432Hz, the whole color spectrum is shifted by one

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.02258	0.04517	0.09033	0.18066	0.36133	0.72266	1.44531	2.89063	5.78125	11.5625	23.125	46.25	92.5	185	370	740	1480	2960	5920	11840	23680
interval	0.00127	0.00254	0.00507	0.01015	0.02029	0.04059	0.08117	0.16234	0.32469	0.64937	1.29875	2.5975	5.195	10.39	20.78	41.56	83.12	166.24	332.48	664.96	1329.92
F	0.02131	0.04263	0.08526	0.17052	0.34104	0.68207	1.36414	2.72828	5.45656	10.9131	21.8263	43.6525	87.305	174.61	349.22	698.44	1396.88	2793.76	5587.52	11175	22350.1
interval	0.0012	0.00239	0.00479	0.00957	0.01914	0.03828	0.07656	0.15313	0.30625	0.6125	1.225	2.45	4.9	9.8	19.6	39.2	78.4	156.8	313.6	627.2	1254.4
E	0.02012	0.04024	0.08047	0.16095	0.32189	0.64379	1.28758	2.57516	5.15031	10.3006	20.6013	41.2025	82.405	164.81	329.62	659.24	1318.48	2636.96	5273.92	10547.8	21095.7
interval	0.00113	0.00226	0.00452	0.00903	0.01807	0.03613	0.07227	0.14453	0.28906	0.57813	1.15625	2.3125	4.625	9.25	18.5	37	74	148	296	592	1184
D#	0.01899	0.03798	0.07596	0.15191	0.30383	0.60766	1.21531	2.43063	4.86125	9.7225	19.445	38.89	77.78	155.56	311.12	622.24	1244.48	2488.96	4977.92	9955.84	19911.7
interval	0.00107	0.00213	0.00426	0.00853	0.01705	0.0341	0.0682	0.13641	0.27281	0.54562	1.09125	2.1825	4.365	8.73	17.46	34.92	69.84	139.68	279.36	558.72	1117.44
D	0.01792	0.03585	0.07169	0.14339	0.28678	0.57355	1.14711	2.29422	4.58844	9.17688	18.3538	36.7075	73.415	146.83	293.66	587.32	1174.64	2349.28	4698.56	9397.12	18794.2
interval	0.00101	0.00201	0.00402	0.00805	0.01609	0.03219	0.06438	0.12875	0.2575	0.515	1.03	2.06	4.12	8.24	16.48	32.96	65.92	131.84	263.68	527.36	1054.72
C#	0.01692	0.03384	0.06767	0.13534	0.27068	0.54137	1.08273	2.16547	4.33094	8.66188	17.3238	34.6475	69.295	138.59	277.18	554.36	1108.72	2217.44	4434.88	8869.76	17739.5
interval	0.00095	0.0019	0.0038	0.0076	0.0152	0.03039	0.06078	0.12156	0.24313	0.48625	0.9725	1.945	3.89	7.78	15.56	31.12	62.24	124.48	248.96	497.92	995.84
C	0.01597	0.03194	0.06387	0.12774	0.25549	0.51098	1.02195	2.04391	4.08781	8.17563	16.3513	32.7025	65.405	130.81	261.62	523.24	1046.48	2092.96	4185.92	8371.84	16743.7
interval	0.0009	0.00179	0.00358	0.00717	0.01434	0.02867	0.05734	0.11469	0.22938	0.45875	0.9175	1.835	3.67	7.34	14.68	29.36	58.72	117.44	234.88	469.76	939.52
B	0.01507	0.03014	0.06029	0.12058	0.24115	0.4823	0.96461	1.92922	3.85844	7.71688	15.4338	30.8675	61.735	123.47	246.94	493.88	987.76	1975.52	3951.04	7902.08	15804.2
interval	0.00085	0.00169	0.00338	0.00677	0.01354	0.02707	0.05414	0.10828	0.21656	0.43313	0.86625	1.7325	3.465	6.93	13.86	27.72	55.44	110.88	221.76	443.52	887.04
Bb	0.01423	0.02845	0.0569	0.11381	0.22762	0.45523	0.91047	1.82094	3.64188	7.28375	14.5675	29.135	58.27	116.54	233.08	466.16	932.32	1864.64	3729.28	7458.56	14917.1
interval	0.0008	0.0016	0.00319	0.00639	0.01277	0.02555	0.05109	0.10219	0.20438	0.40875	0.8175	1.635	3.27	6.54	13.08	26.16	52.32	104.64	209.28	418.56	837.12
A	0.01343	0.02686	0.05371	0.10742	0.21484	0.42969	0.85938	1.71875	3.4375	6.875	13.75	27.5	55	110	220	440	880	1760	3520	7040	14080
interval	0.00075	0.00151	0.00301	0.00603	0.01205	0.0241	0.0482	0.09641	0.19281	0.38563	0.77125	1.5425	3.085	6.17	12.34	24.68	49.36	98.72	197.44	394.88	789.76
G#	0.01267	0.02535	0.0507	0.1014	0.20279	0.40559	0.81117	1.62234	3.24469	6.48938	12.9788	25.9575	51.915	103.83	207.66	415.32	830.64	1661.28	3322.56	6645.12	13290.2
interval	0.00071	0.00142	0.00285	0.00569	0.01139	0.02278	0.04555	0.09111	0.18222	0.36444	0.72888	1.45775	2.9155	5.831	11.662	23.324	46.648	93.296	186.592	373.184	746.368
G	0.01196	0.02393	0.04785	0.0957	0.1914	0.38281	0.76562	1.53123	3.06247	6.12494	12.2499	24.4998	48.9995	97.999	195.998	391.996	783.992	1567.98	3135.97	6271.94	12543.9
interval	0.00134	0.00269	0.00537	0.01074	0.02148	0.04296	0.08592	0.17184	0.34369	0.68737	1.37475	2.7495	5.499	10.998	21.996	43.992	87.984	175.968	351.936	703.872	-23680

Just Temperament A440Hz what modern Gregorian Chant, Baroque, and Barbershop Choir is in, color-octaves not aligned with Solar Spectrum

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.02266	0.04532	0.09064	0.18127	0.36255	0.7251	1.4502	2.90039	5.80078	11.6016	23.2031	46.4063	92.8125	185.625	371.25	742.5	1485	2970	5940	11880	23760
interval	0.00117	0.00235	0.0047	0.0094	0.0188	0.0376	0.0752	0.15039	0.30078	0.60156	1.20313	2.40625	4.8125	9.625	19.25	38.5	77	154	308	616	1232
F	0.02148	0.04297	0.08594	0.17188	0.34375	0.6875	1.375	2.75	5.5	11	22	44	88	176	352	704	1408	2816	5632	11264	22528
interval	0.00134	0.00269	0.00537	0.01074	0.02148	0.04297	0.08594	0.17188	0.34375	0.6875	1.375	2.75	5.5	11	22	44	88	176	352	704	1408
E	0.02014	0.04028	0.08057	0.16113	0.32227	0.64453	1.28906	2.57813	5.15625	10.3125	20.625	41.25	82.5	165	330	660	1320	2640	5280	10560	21120
interval	0.00081	0.00161	0.00322	0.00645	0.01289	0.02578	0.05156	0.10313	0.20625	0.4125	0.825	1.65	3.3	6.6	13.2	26.4	52.8	105.6	211.2	422.4	844.8
D#	0.01934	0.03867	0.07734	0.15469	0.30938	0.61875	1.2375	2.475	4.95	9.9	19.8	39.6	79.2	158.4	316.8	633.6	1267.2	2534.4	5068.8	10137.6	20275.2
interval	0.00145	0.00289	0.00579	0.01157	0.02314	0.04629	0.09258	0.18516	0.37031	0.74063	1.48125	2.9625	5.925	11.85	23.7	47.4	94.8	189.6	379.2	758.4	1516.8
D	0.01789	0.03578	0.07156	0.14312	0.28623	0.57246	1.14492	2.28984	4.57969	9.15938	18.3188	36.6375	73.275	146.55	293.1	586.2	1172.4	2344.8	4689.6	9379.2	18758.4
interval	0.0007	0.00139	0.00279	0.00558	0.01115	0.0223	0.04461	0.08922	0.17844	0.35688	0.71375	1.4275	2.855	5.71	11.42	22.84	45.68	91.36	182.72	365.44	730.88
C#	0.01719	0.03438	0.06877	0.13754	0.27508	0.55016	1.10031	2.20063	4.40125	8.8025	17.605	35.21	70.42	140.84	281.68	563.36	1126.72	2253.44	4506.88	9013.76	18027.5
interval	0.00108	0.00216	0.00432	0.00863	0.01727	0.03453	0.06906	0.13813	0.27625	0.5525	1.105	2.21	4.42	8.84	17.68	35.36	70.72	141.44	282.88	565.76	1131.52
C	0.01611	0.03223	0.06445	0.12891	0.25781	0.51563	1.03125	2.0625	4.125	8.25	16.5	33	66	132	264	528	1056	2112	4224	8448	16896
interval	0.00101	0.00201	0.00403	0.00806	0.01611	0.03223	0.06445	0.12891	0.25781	0.51563	1.03125	2.0625	4.125	8.25	16.5	33	66	132	264	528	1056
B	0.01511	0.03021	0.06042	0.12085	0.2417	0.4834	0.9668	1.93359	3.86719	7.73438	15.4688	30.9375	61.875	123.75	247.5	495	990	1980	3960	7920	15840
interval	0.0006	0.00121	0.00242	0.00483	0.00967	0.01934	0.03867	0.07734	0.15469	0.30938	0.61875	1.2375	2.475	4.95	9.9	19.8	39.6	79.2	158.4	316.8	633.6
Bb	0.0145	0.029	0.05801	0.11602	0.23203	0.46406	0.92813	1.85625	3.7125	7.425	14.85	29.7	59.4	118.8	237.6	475.2	950.4	1900.8	3801.6	7603.2	15206.4
interval	0.00107	0.00215	0.0043	0.00859	0.01719	0.03438	0.06875	0.1375	0.275	0.55	1.1	2.2	4.4	8.8	17.6	35.2	70.4	140.8	281.6	563.2	1126.4
A	0.01343	0.02686	0.05371	0.10742	0.21484	0.42969	0.85938	1.71875	3.4375	6.875	13.75	27.5	55	110	220	440	880	1760	3520	7040	14080
interval	0.00054	0.00107	0.00215	0.0043	0.00859	0.01719	0.03438	0.06875	0.1375	0.275	0.55	1.1	2.2	4.4	8.8	17.6	35.2	70.4	140.8	281.6	563.2
G#	0.01289	0.02578	0.05156	0.10313	0.20625	0.4125	0.825	1.65	3.3	6.6	13.2	26.4	52.8	105.6	211.2	422.4	844.8	1689.6	3379.2	6758.4	13516.8
interval	0.00081	0.00161	0.00322	0.00645	0.01289	0.02578	0.05156	0.10313	0.20625	0.4125	0.825	1.65	3.3	6.6	13.2	26.4	52.8	105.6	211.2	422.4	844.8
G	0.01208	0.02417	0.04834	0.09668	0.19336	0.38672	0.77344	1.54688	3.09375	6.1875	12.375	24.75	49.5	99	198	396	792	1584	3168	6336	12672
interval	0.00151	0.00302	0.00604	0.01208	0.02417	0.04834	0.09668	0.19336	0.38672	0.77344	1.54688	3.09375	6.1875	12.375	24.75	49.5	99	198	396	792	-23760

Just Temperament Scientific Pitch C=1Hz what Gregorian Chant, Baroque, and Barbershop Choir were in prior to the modern "standards" introduced in 1892

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.02197	0.04395	0.08789	0.17578	0.35156	0.70313	1.40625	2.8125	5.625	11.25	22.5	45	90	180	360	720	1440	2880	5760	11520	23040
interval	0.00114	0.00228	0.00456	0.00912	0.01824	0.03648	0.07297	0.14594	0.29188	0.58375	1.1675	2.335	4.67	9.34	18.68	37.36	74.72	149.44	298.88	597.76	1195.52
F	0.02083	0.04167	0.08333	0.16666	0.33332	0.66664	1.33328	2.66656	5.33313	10.6663	21.3325	42.665	85.33	170.66	341.32	682.64	1365.28	2730.56	5461.12	10922.2	21844.5
interval	0.0013	0.0026	0.00521	0.01041	0.02082	0.04164	0.08328	0.16656	0.33313	0.66625	1.3325	2.665	5.33	10.66	21.32	42.64	85.28	170.56	341.12	682.24	1364.48
E	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	80	160	320	640	1280	2560	5120	10240	20480
interval	0.00078	0.00156	0.00313	0.00625	0.0125	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.4	12.8	25.6	51.2	102.4	204.8	409.6	819.2
D#	0.01875	0.0375	0.075	0.15	0.3	0.6	1.2	2.4	4.8	9.6	19.2	38.4	76.8	153.6	307.2	614.4	1228.8	2457.6	4915.2	9830.4	19660.8
interval	0.00117	0.00234	0.00469	0.00937	0.01875	0.0375	0.075	0.15	0.3	0.6	1.2	2.4	4.8	9.6	19.2	38.4	76.8	153.6	307.2	614.4	1228.8
D	0.01758	0.03516	0.07031	0.14063	0.28125	0.5625	1.125	2.25	4.5	9	18	36	72	144	288	576	1152	2304	4608	9216	18432
interval	0.00091	0.00182	0.00365	0.00729	0.01459	0.02918	0.05836	0.11672	0.23344	0.46688	0.93375	1.8675	3.735	7.47	14.94	29.88	59.76	119.52	239.04	478.08	956.16
C#	0.01667	0.03333	0.06667	0.13333	0.26666	0.53332	1.06664	2.13328	4.26656	8.53313	17.0663	34.1325	68.265	136.53	273.06	546.12	1092.24	2184.48	4368.96	8737.92	17475.8
interval	0.00104	0.00208	0.00417	0.00833	0.01666	0.03332	0.06664	0.13328	0.26656	0.53313	1.06625	2.1325	4.265	8.53	17.06	34.12	68.24	136.48	272.96	545.92	1091.84
C	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024	2048	4096	8192	16384
interval	0.00098	0.00195	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024
B	0.01465	0.0293	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	30	60	120	240	480	960	1920	3840	7680	15360
interval	0.00076	0.00151	0.00303	0.00605	0.01211	0.02422	0.04844	0.09688	0.19375	0.3875	0.775	1.55	3.1	6.2	12.4	24.8	49.6	99.2	198.4	396.8	793.6
Bb	0.01389	0.02778	0.05557	0.11113	0.22227	0.44453	0.88906	1.77813	3.55625	7.1125	14.225	28.45	56.9	113.8	227.6	455.2	910.4	1820.8	3641.6	7283.2	14566.4
interval	0.00087	0.00173	0.00347	0.00693	0.01387	0.02773	0.05547	0.11094	0.22188	0.44375	0.8875	1.775	3.55	7.1	14.2	28.4	56.8	113.6	227.2	454.4	908.8
A	0.01302	0.02605	0.0521	0.1042	0.2084	0.4168	0.83359	1.66719	3.33438	6.66875	13.3375	26.675	53.35	106.7	213.4	426.8	853.6	1707.2	3414.4	6828.8	13657.6
interval	0.00052	0.00105	0.0021	0.0042	0.0084	0.0168	0.03359	0.06719	0.13438	0.26875	0.5375	1.075	2.15	4.3	8.6	17.2	34.4	68.8	137.6	275.2	550.4
G#	0.0125	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.4	12.8	25.6	51.2	102.4	204.8	409.6	819.2	1638.4	3276.8	6553.6	13107.2
interval	0.00078	0.00156	0.00313	0.00625	0.0125	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.4	12.8	25.6	51.2	102.4	204.8	409.6	819.2
G	0.01172	0.02344	0.04688	0.09375	0.1875	0.375	0.75	1.5	3	6	12	24	48	96	192	384	768	1536	3072	6144	12288
interval	0.00146	0.00293	0.00586	0.01172	0.02344	0.04688	0.09375	0.1875	0.375	0.75	1.5	3	6	12	24	48	96	192	384	768	-23040

Equal Temperament A444Hz the “Solfeggio” hoax promoters recommend this tuning pitch, misinterpreting the C at 528Hz in Helmholtz’ A440 Just Temperament, known as “Stuttgart” or “German” pitch, as the correct tuning pitch for Equal Temperament, far too high for vocals and strings, intervals even more harsh and aggravating than A440Hz, color-octaves not aligned with Solar Spectrum

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.02307	0.04614	0.09229	0.18457	0.36914	0.73828	1.47656	2.95313	5.90625	11.8125	23.625	47.25	94.5	189	378	756	1512	3024	6048	12096	24192
interval	0.00127	0.00254	0.00507	0.01015	0.02029	0.04059	0.08117	0.16234	0.32469	0.64937	1.29875	2.5975	5.195	10.39	20.78	41.56	83.12	166.24	332.48	664.96	1329.92
F	0.0218	0.04361	0.08721	0.17442	0.34885	0.6977	1.39539	2.79078	5.58156	11.1631	22.3263	44.6525	89.305	178.61	357.22	714.44	1428.88	2857.76	5715.52	11431	22862.1
interval	0.00095	0.0019	0.00381	0.00762	0.01523	0.03047	0.06094	0.12188	0.24375	0.4875	0.975	1.95	3.9	7.8	15.6	31.2	62.4	124.8	249.6	499.2	998.4
E	0.02085	0.0417	0.0834	0.16681	0.33361	0.66723	1.33445	2.66891	5.33781	10.6756	21.3513	42.7025	85.405	170.81	341.62	683.24	1366.48	2732.96	5465.92	10931.8	21863.7
interval	0.00137	0.00275	0.00549	0.01099	0.02197	0.04395	0.08789	0.17578	0.35156	0.70313	1.40625	2.8125	5.625	11.25	22.5	45	90	180	360	720	1440
D#	0.01948	0.03896	0.07791	0.15582	0.31164	0.62328	1.24656	2.49313	4.98625	9.9725	19.945	39.89	79.78	159.56	319.12	638.24	1276.48	2552.96	5105.92	10211.8	20423.7
interval	0.00107	0.00213	0.00426	0.00853	0.01705	0.0341	0.0682	0.13641	0.27281	0.54562	1.09125	2.1825	4.365	8.73	17.46	34.92	69.84	139.68	279.36	558.72	1117.44
D	0.01841	0.03682	0.07365	0.14729	0.29459	0.58918	1.17836	2.35672	4.71344	9.42688	18.8538	37.7075	75.415	150.83	301.66	603.32	1206.64	2413.28	4826.56	9653.12	19306.2
interval	0.00101	0.00201	0.00402	0.00805	0.01609	0.03219	0.06438	0.12875	0.2575	0.515	1.03	2.06	4.12	8.24	16.48	32.96	65.92	131.84	263.68	527.36	1054.72
C#	0.01741	0.03481	0.06962	0.13925	0.2785	0.55699	1.11398	2.22797	4.45594	8.91188	17.8238	35.6475	71.295	142.59	285.18	570.36	1140.72	2281.44	4562.88	9125.76	18251.5
interval	0.00129	0.00259	0.00517	0.01034	0.02068	0.04137	0.08273	0.16547	0.33094	0.66188	1.32375	2.6475	5.295	10.59	21.18	42.36	84.72	169.44	338.88	677.76	1355.52
C	0.01611	0.03223	0.06445	0.12891	0.25781	0.51563	1.03125	2.0625	4.125	8.25	16.5	33	66	132	264	528	1056	2112	4224	8448	16896
interval	0.00055	0.00111	0.00221	0.00442	0.00885	0.0177	0.03539	0.07078	0.14156	0.28313	0.56625	1.1325	2.265	4.53	9.06	18.12	36.24	72.48	144.96	289.92	579.84
B	0.01556	0.03112	0.06224	0.12448	0.24896	0.49793	0.99586	1.99172	3.98344	7.96688	15.9338	31.8675	63.735	127.47	254.94	509.88	1019.76	2039.52	4079.04	8158.08	16316.2
interval	0.00085	0.00169	0.00338	0.00677	0.01354	0.02707	0.05414	0.10828	0.21656	0.43313	0.86625	1.7325	3.465	6.93	13.86	27.72	55.44	110.88	221.76	443.52	887.04
Bb	0.01471	0.02943	0.05886	0.11771	0.23543	0.47086	0.94172	1.88344	3.76688	7.53375	15.0675	30.135	60.27	120.54	241.08	482.16	964.32	1928.64	3857.28	7714.56	15429.1
interval	0.00116	0.00233	0.00466	0.00932	0.01863	0.03727	0.07453	0.14906	0.29813	0.59625	1.1925	2.385	4.77	9.54	19.08	38.16	76.32	152.64	305.28	610.56	1221.12
A	0.01355	0.0271	0.0542	0.1084	0.2168	0.43359	0.86719	1.73438	3.46875	6.9375	13.875	27.75	55.5	111	222	444	888	1776	3552	7104	14208
interval	0.00039	0.00077	0.00155	0.0031	0.00619	0.01238	0.02477	0.04953	0.09906	0.19813	0.39625	0.7925	1.585	3.17	6.34	12.68	25.36	50.72	101.44	202.88	405.76
G#	0.01316	0.02633	0.05265	0.1053	0.21061	0.42121	0.84242	1.68484	3.36969	6.73938	13.4788	26.9575	53.915	107.83	215.66	431.32	862.64	1725.28	3450.56	6901.12	13802.2
interval	0.0012	0.0024	0.0048	0.0096	0.0192	0.0384	0.0768	0.15361	0.30722	0.61444	1.22888	2.45775	4.9155	9.831	19.662	39.324	78.648	157.296	314.592	629.184	1258.37
G	0.01196	0.02393	0.04785	0.0957	0.1914	0.38281	0.76562	1.53123	3.06247	6.12494	12.2499	24.4998	48.9995	97.999	195.998	391.996	783.992	1567.98	3135.97	6271.94	12543.9
interval	0.00085	0.00171	0.00342	0.00683	0.01367	0.02734	0.05467	0.10934	0.21869	0.43737	0.87475	1.7495	3.499	6.998	13.996	27.992	55.984	111.968	223.936	447.872	-24192

Equal Temperament A435Hz the French Standard utilized throughout much of the mid to late 1800s and early 1900s

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
F#	0.02254	0.04508	0.09016	0.18032	0.36064	0.72129	1.44258	2.88516	5.77031	11.5406	23.0813	46.1625	92.325	184.65	363.3	726.6	1453.2	2906.4	5812.8	11625.6	23251.2
interval	0.00125	0.0025	0.005	0.01001	0.02002	0.04004	0.08008	0.16016	0.32031	0.64063	1.28125	2.5625	5.125	10.25	20.5	41	82	164	328	656	1312
F	0.02129	0.04258	0.08516	0.17031	0.34063	0.68125	1.3625	2.725	5.45	10.9	21.8	43.6	87.2	174.4	342.8	685.6	1371.2	2742.4	5484.8	10969.6	21939.2
interval	0.00117	0.00234	0.00469	0.00937	0.01875	0.0375	0.075	0.15	0.3	0.6	1.2	2.4	4.8	9.6	19.2	38.4	76.8	153.6	307.2	614.4	1228.8
E	0.02012	0.04023	0.08047	0.16094	0.32188	0.64375	1.2875	2.575	5.15	10.3	20.6	41.2	82.4	164.8	323.6	647.2	1294.4	2588.8	5177.6	10355.2	20710.4
interval	0.0011	0.00221	0.00442	0.00884	0.01768	0.03535	0.0707	0.14141	0.28281	0.56563	1.13125	2.2625	4.525	9.05	18.1	36.2	72.4	144.8	289.6	579.2	1158.4
D#	0.01901	0.03802	0.07605	0.1521	0.3042	0.6084	1.2168	2.43359	4.86719	9.73438	19.4688	38.9375	77.875	155.75	305.5	611	1222	2444	4888	9776	19552
interval	0.00105	0.0021	0.0042	0.0084	0.0168	0.03359	0.06719	0.13438	0.26875	0.5375	1.075	2.15	4.3	8.6	17.2	34.4	68.8	137.6	275.2	550.4	1100.8
D	0.01796	0.03593	0.07185	0.1437	0.2874	0.5748	1.14961	2.29922	4.59844	9.19688	18.3938	36.7875	73.575	147.15	288.3	576.6	1153.2	2306.4	4612.8	9225.6	18451.2
interval	0.00098	0.00197	0.00393	0.00786	0.01572	0.03145	0.06289	0.12578	0.25156	0.50313	1.00625	2.0125	4.025	8.05	16.1	32.2	64.4	128.8	257.6	515.2	1030.4
C#	0.01698	0.03396	0.06792	0.13584	0.27168	0.54336	1.08672	2.17344	4.34688	8.69375	17.3875	34.775	69.55	139.1	272.2	544.4	1088.8	2177.6	4355.2	8710.4	17420.8
interval	0.00094	0.00188	0.00376	0.00752	0.01504	0.03008	0.06016	0.12031	0.24063	0.48125	0.9625	1.925	3.85	7.7	15.42	30.84	61.68	123.36	246.72	493.44	986.88
C	0.01604	0.03208	0.06416	0.12832	0.25664	0.51328	1.02656	2.05313	4.10625	8.2125	16.425	32.85	65.7	131.4	256.78	513.56	1027.12	2054.24	4108.48	8216.96	16433.9
interval	0.00088	0.00176	0.00352	0.00703	0.01406	0.02813	0.05625	0.1125	0.225	0.45	0.9	1.8	3.6	7.2	14.38	28.76	57.52	115.04	230.08	460.16	920.32
Bb	0.01516	0.03032	0.06064	0.12129	0.24258	0.48516	0.97031	1.94063	3.88125	7.7625	15.525	31.05	62.1	124.2	242.4	484.8	969.6	1939.2	3878.4	7756.8	15513.6
interval	0.00083	0.00166	0.00332	0.00664	0.01328	0.02656	0.05313	0.10625	0.2125	0.425	0.85	1.7	3.4	2	13.6	27.2	54.4	108.8	217.6	435.2	870.4
Bb	0.01433	0.02866	0.05732	0.11465	0.2293	0.45859	0.91719	1.83438	3.66875	7.3375	14.675	29.35	58.7	117.4	228.8	457.6	915.2	1830.4	3660.8	7321.6	14643.2
interval	0.00106	0.00211	0.00422	0.00845	0.01689	0.03379	0.06758	0.13516	0.27031	0.54063	1.08125	2.1625	4.325	8.65	12.8	25.6	51.2	102.4	204.8	409.6	819.2
A	0.01328	0.02655	0.0531	0.1062	0.2124	0.4248	0.84961	1.69922	3.39844	6.79688	13.5938	27.1875	54.375	108.75	216	432	864	1728	3456	6912	13824
interval	0.00047	0.00093	0.00187	0.00374	0.00747	0.01494	0.02988	0.05977	0.11953	0.23906	0.47813	0.95625	1.9125	3.825	12.15	24.3	48.6	97.2	194.4	388.8	777.6
G#	0.01281	0.02562	0.05123	0.10247	0.20493	0.40986	0.81973	1.63945	3.27891	6.55781	13.1156	26.2313	52.4625	104.925	203.85	407.7	815.4	1630.8	3261.6	6523.2	13046.4
interval	0.0007	0.0014	0.0028	0.00559	0.01118	0.02236	0.04473	0.08945	0.17891	0.35781	0.71562	1.43125	2.8625	5.725	11.45	22.9	45.8	91.6	183.2	366.4	732.8
G	0.01211	0.02422	0.04844	0.09688	0.19375	0.3875	0.775	1.55	3.1	6.2	12.4	24.8	49.6	99.2	192.4	384.8	769.6	1539.2	3078.4	6156.8	12313.6
interval	0.00168	0.00336	0.00671	0.01343	0.02686	0.05371	0.10742	0.21484	0.42969	0.85938	1.71875	3.4375	6.875	7.75	21.5	43	86	172	344	688	-23251.2

The “Solfeggio” (Hoax) Frequencies originally 6, expanded to 9. neither an actual scale - cannot play chords (no two notes in tune save for 528Hz & 396Hz,) promote a 6-note Chakra system (no crown,) promote improper use of tuning forks (clanging together to create 111Hz intervals, waving around head and body rather than tactile frequency therapy with therapeutic frequencies,) color-octaves are drastically non-correlative to the solar spectrum

octave/note	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
	0.02939	0.05878	0.11755	0.23511	0.47021	0.94043	1.88086	3.76172	7.52344	15.0469	30.0938	60.1875	120.375	240.75	481.5	963	1926	3852	7704	15408	30816
intervals	0.00339	0.00677	0.01355	0.0271	0.0542	0.1084	0.2168	0.43359	0.86719	1.73438	3.46875	6.9375	13.875	27.75	55.5	111	222	444	888	1776	3552
	0.026	0.052	0.104	0.20801	0.41602	0.83203	1.66406	3.32813	6.65625	13.3125	26.625	53.25	106.5	213	426	852	1704	3408	6816	13632	27264
intervals	0.00339	0.00677	0.01355	0.0271	0.0542	0.1084	0.2168	0.43359	0.86719	1.73438	3.46875	6.9375	13.875	27.75	55.5	111	222	444	888	1776	3552
	0.02261	0.04523	0.09045	0.18091	0.36182	0.72363	1.44727	2.89453	5.78906	11.5781	23.1563	46.3125	92.625	185.25	370.5	741	1482	2964	5928	11856	23712
intervals	0.00311	0.00623	0.01245	0.0249	0.0498	0.09961	0.19922	0.39844	0.79688	1.59375	3.1875	6.375	12.75	25.5	51	102	204	408	816	1632	3264
	0.0195	0.039	0.078	0.15601	0.31201	0.62402	1.24805	2.49609	4.99219	9.98438	19.9688	39.9375	79.875	159.75	319.5	639	1278	2556	5112	10224	20448
intervals	0.00339	0.00677	0.01355	0.0271	0.0542	0.1084	0.2168	0.43359	0.86719	1.73438	3.46875	6.9375	13.875	27.75	55.5	111	222	444	888	1776	3552
C	0.01611	0.03223	0.06445	0.12891	0.25781	0.51563	1.03125	2.0625	4.125	8.25	16.5	33	66	132	264	528	1056	2112	4224	8448	16896
intervals	0.00339	0.00677	0.01355	0.0271	0.0542	0.1084	0.2168	0.43359	0.86719	1.73438	3.46875	6.9375	13.875	27.75	55.5	111	222	444	888	1776	3552
	0.01273	0.02545	0.0509	0.10181	0.20361	0.40723	0.81445	1.62891	3.25781	6.51563	13.0313	26.0625	52.125	104.25	208.5	417	834	1668	3336	6672	13344
intervals	0.00064	0.00128	0.00256	0.00513	0.01025	0.02051	0.04102	0.08203	0.16406	0.32813	0.65625	1.3125	2.625	5.25	10.5	21	42	84	168	336	672
	0.01208	0.02417	0.04834	0.09668	0.19336	0.38672	0.77344	1.54688	3.09375	6.1875	12.375	24.75	49.5	99	198	396	792	1584	3168	6336	12672
intervals	0.00339	0.00677	0.01355	0.0271	0.0542	0.1084	0.2168	0.43359	0.86719	1.73438	3.46875	6.9375	13.875	27.75	55.5	111	222	444	888	1776	3552
	0.0087	0.0174	0.03479	0.06958	0.13916	0.27832	0.55664	1.11328	2.22656	4.45313	8.90625	17.8125	35.625	71.25	142.5	285	570	1140	2280	4560	9120
intervals	0.00339	0.00677	0.01355	0.0271	0.0542	0.1084	0.2168	0.43359	0.86719	1.73438	3.46875	6.9375	13.875	27.75	55.5	111	222	444	888	1776	3552
	0.00531	0.01062	0.02124	0.04248	0.08496	0.16992	0.33984	0.67969	1.35938	2.71875	5.4375	10.875	21.75	43.5	87	174	348	696	1392	2784	5568
	0.05347	0.10693	0.21387	0.42773	0.85547	1.71094	3.42188	6.84375	13.6875	27.375	54.75	109.5	219	438	876	1752	3504	7008	14016	28032	

The DNA Frequencies - Adenine, Thymine, Guanine, and Cytosine, as decoded utilizing infrared and via the Law of Octaves in 1988 by Susan Alexjander and Dr. David Deamer, incl. GCD 1 & 2, ratios, brainwave correlations, not one “Solfeggio 528Hz DNA Miracle Frequency” to be found, C# Vedic OM is central to each

Adenine

Note	Freq.	#1	#2		Ratio	Intervals	Brainwave Ranges
D#/E	316.00						
GCD		4.00	79	87	79:87	32	Gamma
F	348.00						
GCD		4.00	87	92	87:92	20	Beta
F/F#	368.00						
GCD		4.00	92	95	92:95	12	Alpha
F#/G	380.00						
GCD		2.00	190	199	190:199	18	Beta
G/G#	398.00						
GCD		2.00	199	204	199:204	10	Alpha
G#	408.00						
GCD		8.00	51	56	51:56	40	Gamma
A/Bb	448.00						
GCD		14.00	32	35	32:35	42	Gamma
B/C	490.00						
GCD		14.00	35	36	35:36	14	Alpha
B/C	504.00						
GCD		8.00	63	68	63:68	40	Gamma
C#	544.00						
GCD		8.00	68	73	68:73	40	Gamma
D/D#	584.00						
GCD		2.00	292	299	292:299	14	Alpha
D/D#	598.00						
GCD		2.00	299	310	299:310	22	Beta
D#/E	620.00						
GCD		4.00	155	158	155:158	12	Alpha
D#/E	632.00						
GCD		2.00	316	327	316:327	22	Beta
E/F	654.00						
GCD		2.00	327	349	327:349	44	Gamma
F/F#	698.00						
GCD		2.00	349	363	349:363	28	Beta
F#	726.00						
GCD		6.00	121	190	121:190	414	N/A
D	1140.00						
GCD		38.00	30	31	30:31	38	Gamma
D/D#	1178.00						
GCD		2.00	589	624	589:624	70	High Gamma
D#/E	1248.00						
GCD		6.00	208	213	208:213	30	Gamma
D#/E	1278.00						
GCD		2.00	639	683	639:683	88	High Gamma
E/F	1366.00						
GCD		2.00	683	720	683:720	74	High Gamma
F#	1440.00						

Thymine

Note	Freq.	#1	#2		Ratio	Intervals	Brainwave Ranges
E	322						
GCD		2	161	165	161:165	8	Theta
E/F	330						
GCD		6	55	59	55:59	24	Beta
F/F#	354						
GCD		2	177	182	177:182	10	Alpha
F#	364						
GCD		14	26	29	26:29	42	Gamma
G#	406						
GCD		2	203	214	203:214	22	Beta
G#/A	428						
GCD		4	107	112	107:112	20	Beta
A/Bb	448						
GCD		4	112	131	112:131	76	High Gamma
C/C#	524						
GCD		4	131	136	131:136	20	Beta
C#	544						
GCD		8	68	75	68:75	56	High Gamma
D/D#	600						
GCD		2	300	367	300:367	134	Lambda
F#	734						
GCD		2	367	384	367:384	34	Gamma
G	768						
GCD		96	8	13	8:13	480	N/A
D#/E	1248						
GCD		26	48	49	48:49	26	Beta
D#/E	1274						
GCD		14	91	99	91:99	112	Lambda
F	1386						

Guanine

Note	Freq.	#1	#2		Ratio	Intervals	Brainwave Ranges
D/D#	300						
GCD		6	50	51	50:51	6	Theta
D#	306						
GCD		34	9	10	9:10	34	Gamma
E/F	340						
GCD		10	34	37	34:37	30	Gamma
F#/G	370						
GCD		2	185	192	185:192	14	Beta
G	384						
GCD		6	64	69	64:69	30	Gamma
G#	414						
GCD		18	23	27	23:27	72	High Gamma
B	486						
GCD		2	243	256	243:256	26	Beta
C	512						
GCD		2	256	265	256:265	18	Beta
C/C#	530						
GCD		10	10	55	10:55	20	Beta
C#	550						
GCD		50	11	12	11:12	50	High Gamma
D/D#	600						
GCD		8	75	77	75:77	16	Beta
D#	616						
GCD		2	308	321	308:321	26	Beta
E	642						
GCD		2	321	332	321:332	22	Beta
E/F	664						
GCD		8	83	91	83:91	64	High Gamma
F#	728						
GCD		26	28	45	28:45	442	N/A
D	1170						
GCD		18	65	71	65:71	108	Lambda
E	1278						
GCD		2	639	683	639:683	88	High Gamma
F	1366						
GCD		2	683	731	683:731	96	High Gamma
F#	1462						

Cytosine

Note	Freq.	#1	#2		Ratio	Intervals	Brainwave Ranges
D#	306						
GCD		2	153	173	153:173	40	Gamma
F	346						
GCD		2	173	179	173:179	12	Alpha
F#	358						
GCD		2	179	210	179:210	62	High Gamma
G#/A	420						
GCD		10	42	43	42:43	10	Alpha
A	430						
GCD		10	43	44	43:44	10	Alpha
A/Bb	440						
GCD		8	55	63	55:63	64	High Gamma
B/C	504						
GCD		2	252	269	252:269	34	Gamma
C/C#	538						
GCD		2	269	279	269:279	20	Beta
C#/D	558						
GCD		18	31	33	31:33	36	Gamma
D/D#	594						
GCD		2	297	320	297:320	46	High Gamma
D#/E	640						
GCD		2	320	323	320:323	6	Theta
E	646						
GCD		34	19	21	19:21	68	High Gamma
F/F#	714						
GCD		2	357	638	357:638	562	N/A
E	1276						
GCD		4	319	344	319:344	100	Lambda
F	1376						
GCD		4	344	369	344:369	100	Lambda
F#	1476						

Adenine

F#	11.2539	22.5078	45.0156	90.0313	180.063	360.125	720.25	1440.50	2881	5762	11524	23048
intervals	0.58047	1.16094	2.32188	4.64375	9.2875	18.575	37.15	74.3	148.6	297.2	594.4	1188.8
E/F	10.6734	21.3469	42.6938	85.3875	170.775	341.55	683.1	1366.20	2732.4	5464.8	10929.6	21859.2
intervals	0.68203	1.36406	2.72813	5.45625	10.9125	21.825	43.65	87.3	174.6	349.2	698.4	1396.8
D#/E	9.99141	19.9828	39.9656	79.9313	159.863	319.725	639.45	1278.90	2557.8	5115.6	10231.2	20462.4
intervals	0.23906	0.47813	0.95625	1.9125	3.825	7.65	15.3	30.6	61.2	122.4	244.8	489.6
D#/E	9.75234	19.5047	39.0094	78.0188	156.038	312.075	624.15	1248.30	2496.6	4993.2	9986.4	19972.8
intervals	0.54531	1.09063	2.18125	4.3625	8.725	17.45	34.9	69.8	139.6	279.2	558.4	1116.8
D/D#	9.20703	18.4141	36.8281	73.6563	147.313	294.625	589.25	1178.50	2357	4714	9428	18856
intervals	0.30703	0.61406	1.22813	2.45625	4.9125	9.825	19.65	39.3	78.6	157.2	314.4	628.8
D	8.9	17.8	35.6	71.2	142.4	284.8	569.6	1139.20	2278.4	4556.8	9113.6	18227.2
intervals	3.22266	6.44531	12.8906	25.7813	51.5625	103.125	206.25	412.5	825	1650	3300	6600
F#	5.67734	11.3547	22.7094	45.4188	90.8375	181.675	363.35	726.70	1453.4	2906.8	5813.6	11627.2
intervals	0.22109	0.44219	0.88438	1.76875	3.5375	7.075	14.15	28.3	56.6	113.2	226.4	452.8
F/F#	5.45625	10.9125	21.825	43.65	87.3	174.6	349.2	698.40	1396.8	2793.6	5587.2	11174.4
intervals	0.34063	0.68125	1.3625	2.725	5.45	10.9	21.8	43.6	87.2	174.4	348.8	697.6
E/F	5.11563	10.2313	20.4625	40.925	81.85	163.7	327.4	654.80	1309.6	2619.2	5238.4	10476.8
intervals	0.17109	0.34219	0.68437	1.36875	2.7375	5.475	10.95	21.9	43.8	87.6	175.2	350.4
D#/E	4.94453	9.88906	19.7781	39.5563	79.1125	158.225	316.45	632.90	1265.8	2531.6	5063.2	10126.4
intervals	0.10234	0.20469	0.40938	0.81875	1.6375	3.275	6.55	13.1	26.2	52.4	104.8	209.6
D#/E	4.84219	9.68438	19.3688	38.7375	77.475	154.95	309.9	619.80	1239.6	2479.2	4958.4	9916.8
intervals	0.17031	0.34062	0.68125	1.3625	2.725	5.45	10.9	21.8	43.6	87.2	174.4	348.8
D/D#	4.67188	9.34375	18.6875	37.375	74.75	149.5	299	598.00	1196	2392	4784	9568
intervals	0.28984	0.57969	1.15938	2.31875	4.6375	9.275	18.55	37.1	74.2	148.4	296.8	593.6
C#	4.2625	8.525	17.05	34.1	68.2	136.4	272.8	545.60	1091.2	2182.4	4364.8	8729.6
intervals	0.32344	0.64688	1.29375	2.5875	5.175	10.35	20.7	41.4	82.8	165.6	331.2	662.4
B/C	3.93906	7.87813	15.7563	31.5125	63.025	126.05	252.1	504.20	1008.4	2016.8	4033.6	8067.2
intervals	0.10938	0.21875	0.4375	0.875	1.75	3.5	7	14	28	56	112	224
B/C	3.82969	7.65938	15.3188	30.6375	61.275	122.55	245.1	490.20	980.4	1960.8	3921.6	7843.2
intervals	0.33438	0.66875	1.3375	2.675	5.35	10.7	21.4	42.8	85.6	171.2	342.4	684.8
A/Bb	3.49531	6.99063	13.9813	27.9625	55.925	111.85	223.7	447.40	894.8	1789.6	3579.2	7158.4
intervals	0.30703	0.61406	1.22813	2.45625	4.9125	9.825	19.65	39.3	78.6	157.2	314.4	628.8
G#	3.18828	6.37656	12.7531	25.5063	51.0125	102.025	204.05	408.10	816.2	1632.4	3264.8	6529.6
intervals	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	80	160
G/G#	3.11016	6.22031	12.4406	24.8813	49.7625	99.525	199.05	398.10	796.2	1592.4	3184.8	6369.6
intervals	0.14297	0.28594	0.57188	1.14375	2.2875	4.575	9.15	18.3	36.6	73.2	146.4	292.8
G	2.96719	5.93438	11.8688	23.7375	47.475	94.95	189.9	379.80	759.6	1519.2	3038.4	6076.8
intervals	0.09219	0.18438	0.36875	0.7375	1.475	2.95	5.9	11.8	23.6	47.2	94.4	188.8
F/F#	2.875	5.75	11.5	23	46	92	184	368.00	736	1472	2944	5888
intervals	0.15703	0.31406	0.62813	1.25625	2.5125	5.025	10.05	20.1	40.2	80.4	160.8	321.6
F	2.71797	5.43594	10.8719	21.7438	43.4875	86.975	173.95	347.90	695.8	1391.6	2783.2	5566.4
intervals	0.25234	0.50469	1.00938	2.01875	4.0375	8.075	16.15	32.3	64.6	129.2	258.4	516.8
D#/E	2.46563	4.93125	9.8625	19.725	39.45	78.9	157.8	315.60	631.2	1262.4	2524.8	5049.6

Thymine

F	10.8266	21.6531	43.3063	86.6125	173.225	346.45	692.9	1385.8	2771.6	5543.2	11086.4	22172.8
intervals	0.86875	1.7375	3.475	6.95	13.9	27.8	55.6	111.2	222.4	444.8	889.6	1779.2
D#/E	9.95781	19.9156	39.8313	79.6625	159.325	318.65	637.3	1274.6	2549.2	5098.4	10196.8	20393.6
intervals	0.20547	0.41094	0.82187	1.64375	3.2875	6.575	13.15	26.3	52.6	105.2	210.4	420.8
D#/E	9.75234	19.5047	39.0094	78.0188	156.038	312.075	624.15	1248.3	2496.6	4993.2	9986.4	19972.8
intervals	3.75078	7.50156	15.0031	30.0063	60.0125	120.025	240.05	480.1	960.2	1920.4	3840.8	7681.6
G	6.00156	12.0031	24.0063	48.0125	96.025	192.05	384.1	768.2	1536.4	3072.8	6145.6	12291.2
intervals	0.27266	0.54531	1.09063	2.18125	4.3625	8.725	17.45	34.9	69.8	139.6	279.2	558.4
F#	5.72891	11.4578	22.9156	45.8313	91.6625	183.325	366.65	733.3	1466.6	2933.2	5866.4	11732.8
intervals	1.03984	2.07969	4.15938	8.31875	16.6375	33.275	66.55	133.1	266.2	532.4	1064.8	2129.6
D/D#	4.68906	9.37813	18.7563	37.5125	75.025	150.05	300.1	600.2	1200.4	2400.8	4801.6	9603.2
intervals	0.44375	0.8875	1.775	3.55	7.1	14.2	28.4	56.8	113.6	227.2	454.4	908.8
C#	4.24531	8.49063	16.9813	33.9625	67.925	135.85	271.7	543.4	1086.8	2173.6	4347.2	8694.4
intervals	0.15313	0.30625	0.6125	1.225	2.45	4.9	9.8	19.6	39.2	78.4	156.8	313.6
C/C#	4.09219	8.18438	16.3688	32.7375	65.475	130.95	261.9	523.8	1047.6	2095.2	4190.4	8380.8
intervals	0.59688	1.19375	2.3875	4.775	9.55	19.1	38.2	76.4	152.8	305.6	611.2	1222.4
A/Bb	3.49531	6.99063	13.9813	27.9625	55.925	111.85	223.7	447.4	894.8	1789.6	3579.2	7158.4
intervals	0.15313	0.30625	0.6125	1.225	2.45	4.9	9.8	19.6	39.2	78.4	156.8	313.6
G#/A	3.34219	6.68438	13.3688	26.7375	53.475	106.95	213.9	427.8	855.6	1711.2	3422.4	6844.8
intervals	0.16719	0.33438	0.66875	1.3375	2.675	5.35	10.7	21.4	42.8	85.6	171.2	342.4
G#	3.175	6.35	12.7	25.4	50.8	101.6	203.2	406.4	812.8	1625.6	3251.2	6502.4
intervals	0.3375	0.675	1.35	2.7	5.4	10.8	21.6	43.2	86.4	172.8	345.6	691.2
F#	2.8375	5.675	11.35	22.7	45.4	90.8	181.6	363.2	726.4	1452.8	2905.6	5811.2
intervals	0.06875	0.1375	0.275	0.55	1.1	2.2	4.4	8.8	17.6	35.2	70.4	140.8
F/F#	2.76875	5.5375	11.075	22.15	44.3	88.6	177.2	354.4	708.8	1417.6	2835.2	5670.4
intervals	0.1875	0.375	0.75	1.5	3	6	12	24	48	96	192	384
E/F	2.58125	5.1625	10.325	20.65	41.3	82.6	165.2	330.4	660.8	1321.6	2643.2	5286.4
intervals	0.06484	0.12969	0.25937	0.51875	1.0375	2.075	4.15	8.3	16.6	33.2	66.4	132.8
E	2.51641	5.03281	10.0656	20.1313	40.2625	80.525	161.05	322.1	644.2	1288.4	2576.8	5153.6

Guanine

F#	11.4242	22.8484	45.6969	91.3938	182.788	365.575	731.15	1462.3	2924.6	5849.2	11698.4	23396.8
intervals	0.75078	1.50156	3.00313	6.00625	12.0125	24.025	48.05	96.1	192.2	384.4	768.8	1537.6
F	10.6734	21.3469	42.6938	85.3875	170.775	341.55	683.1	1366.2	2732.4	5464.8	10929.6	21859.2
intervals	0.68203	1.36406	2.72813	5.45625	10.9125	21.825	43.65	87.3	174.6	349.2	698.4	1396.8
E	9.99141	19.9828	39.9656	79.9313	159.863	319.725	639.45	1278.9	2557.8	5115.6	10231.2	20462.4
intervals	0.85234	1.70469	3.40938	6.81875	13.6375	27.275	54.55	109.1	218.2	436.4	872.8	1745.6
D	9.13906	18.2781	36.5563	73.1125	146.225	292.45	584.9	1169.8	2339.6	4679.2	9358.4	18716.8
intervals	3.44453	6.88906	13.7781	27.5563	55.1125	110.225	220.45	440.9	881.8	1763.6	3527.2	7054.4
F#	5.69453	11.3891	22.7781	45.5563	91.1125	182.225	364.45	728.9	1457.8	2915.6	5831.2	11662.4
intervals	0.51094	1.02188	2.04375	4.0875	8.175	16.35	32.7	65.4	130.8	261.6	523.2	1046.4
E/F	5.18359	10.3672	20.7344	41.4688	82.9375	165.875	331.75	663.5	1327	2654	5308	10616
intervals	0.17031	0.34062	0.68125	1.3625	2.725	5.45	10.9	21.8	43.6	87.2	174.4	348.8
E	5.01328	10.0266	20.0531	40.1063	80.2125	160.425	320.85	641.7	1283.4	2566.8	5133.6	10267.2
intervals	0.20469	0.40938	0.81875	1.6375	3.275	6.55	13.1	26.2	52.4	104.8	209.6	419.2
D#	4.80859	9.61719	19.2344	38.4688	76.9375	153.875	307.75	615.5	1231	2462	4924	9848
intervals	0.11953	0.23906	0.47812	0.95625	1.9125	3.825	7.65	15.3	30.6	61.2	122.4	244.8
D/D#	4.68906	9.37813	18.7563	37.5125	75.025	150.05	300.1	600.2	1200.4	2400.8	4801.6	9603.2
intervals	0.39219	0.78438	1.56875	3.1375	6.275	12.55	25.1	50.2	100.4	200.8	401.6	803.2
C#	4.29688	8.59375	17.1875	34.375	68.75	137.5	275	550	1100	2200	4400	8800
intervals	0.16016	0.32031	0.64063	1.28125	2.5625	5.125	10.25	20.5	41	82	164	328
C/C#	4.13672	8.27344	16.5469	33.0938	66.1875	132.375	264.75	529.5	1059	2118	4236	8472
intervals	0.12969	0.25938	0.51875	1.0375	2.075	4.15	8.3	16.6	33.2	66.4	132.8	265.6
C	4.00703	8.01406	16.0281	32.0563	64.1125	128.225	256.45	512.9	1025.8	2051.6	4103.2	8206.4
intervals	0.19766	0.39531	0.79062	1.58125	3.1625	6.325	12.65	25.3	50.6	101.2	202.4	404.8
B	3.80938	7.61875	15.2375	30.475	60.95	121.9	243.8	487.6	975.2	1950.4	3900.8	7801.6
intervals	0.57969	1.15938	2.31875	4.6375	9.275	18.55	37.1	74.2	148.4	296.8	593.6	1187.2
G#	3.22969	6.45938	12.9188	25.8375	51.675	103.35	206.7	413.4	826.8	1653.6	3307.2	6614.4
intervals	0.23594	0.47188	0.94375	1.8875	3.775	7.55	15.1	30.2	60.4	120.8	241.6	483.2
G	2.99375	5.9875	11.975	23.95	47.9	95.8	191.6	383.2	766.4	1532.8	3065.6	6131.2
intervals	0.10156	0.20313	0.40625	0.8125	1.625	3.25	6.5	13	26	52	104	208
F#	2.89219	5.78438	11.5688	23.1375	46.275	92.55	185.1	370.2	740.4	1480.8	2961.6	5923.2
intervals	0.24219	0.48438	0.96875	1.9375	3.875	7.75	15.5	31	62	124	248	496
E/F	2.65	5.3	10.6	21.2	42.4	84.8	169.6	339.2	678.4	1356.8	2713.6	5427.2
intervals	0.2625	0.525	1.05	2.1	4.2	8.4	16.8	33.6	67.2	134.4	268.8	537.6
D#	2.3875	4.775	9.55	19.1	38.2	76.4	152.8	305.6	611.2	1222.4	2444.8	4889.6
intervals	0.04141	0.08281	0.16563	0.33125	0.6625	1.325	2.65	5.3	10.6	21.2	42.4	84.8
D/D#	2.34609	4.69219	9.38438	18.7688	37.5375	75.075	150.15	300.3	600.6	1201.2	2402.4	4804.8

Cytosine

F#	11.53	23.053	46.106	92.21	184.4	368.9	738	1475.4	2950.8	5901.6	11803	23606
intervals	0.784	1.5688	3.1375	6.275	12.55	25.1	50.2	100.4	200.8	401.6	803.2	1606.4
F	10.74	21.484	42.969	85.94	171.9	343.8	688	1375	2750	5500	11000	22000
intervals	0.767	1.5344	3.0688	6.138	12.28	24.55	49.1	98.2	196.4	392.8	785.6	1571.2
E	9.975	19.95	39.9	79.8	159.6	319.2	638	1276.8	2553.6	5107.2	10214	20429
intervals	4.399	8.7984	17.597	35.19	70.39	140.8	282	563.1	1126.2	2252.4	4504.8	9009.6
F/F#	5.576	11.152	22.303	44.61	89.21	178.4	357	713.7	1427.4	2854.8	5709.6	11419
intervals	0.53	1.0609	2.1219	4.244	8.488	16.98	34	67.9	135.8	271.6	543.2	1086.4
E	5.045	10.091	20.181	40.36	80.73	161.5	323	645.8	1291.6	2583.2	5166.4	10333
intervals	0.049	0.0984	0.1969	0.394	0.787	1.575	3.15	6.3	12.6	25.2	50.4	100.8
D#/E	4.996	9.9922	19.984	39.97	79.94	159.9	320	639.5	1279	2558	5116	10232
intervals	0.348	0.6969	1.3938	2.788	5.575	11.15	22.3	44.6	89.2	178.4	356.8	713.6
D/D#	4.648	9.2953	18.591	37.18	74.36	148.7	297	594.9	1189.8	2379.6	4759.2	9518.4
intervals	0.283	0.5656	1.1313	2.263	4.525	9.05	18.1	36.2	72.4	144.8	289.6	579.2
C#/D	4.365	8.7297	17.459	34.92	69.84	139.7	279	558.7	1117.4	2234.8	4469.6	8939.2
intervals	0.163	0.3266	0.6531	1.306	2.613	5.225	10.5	20.9	41.8	83.6	167.2	334.4
C/C#	4.202	8.4031	16.806	33.61	67.23	134.5	269	537.8	1075.6	2151.2	4302.4	8604.8
intervals	0.263	0.525	1.05	2.1	4.2	8.4	16.8	33.6	67.2	134.4	268.8	537.6
B/C	3.939	7.8781	15.756	31.51	63.03	126.1	252	504.2	1008.4	2016.8	4033.6	8067.2
intervals	0.495	0.9891	1.9781	3.956	7.913	15.83	31.7	63.3	126.6	253.2	506.4	1012.8
A/Bb	3.445	6.8891	13.778	27.56	55.11	110.2	220	440.9	881.8	1763.6	3527.2	7054.4
intervals	0.092	0.1844	0.3687	0.737	1.475	2.95	5.9	11.8	23.6	47.2	94.4	188.8
A	3.352	6.7047	13.409	26.82	53.64	107.3	215	429.1	858.2	1716.4	3432.8	6865.6
intervals	0.069	0.1375	0.275	0.55	1.1	2.2	4.4	8.8	17.6	35.2	70.4	140.8
G#/A	3.284	6.5672	13.134	26.27	52.54	105.1	210	420.3	840.6	1681.2	3362.4	6724.8
intervals	0.488	0.975	1.95	3.9	7.8	15.6	31.2	62.4	124.8	249.6	499.2	998.4
F#	2.796	5.5922	11.184	22.37	44.74	89.48	179	357.9	715.8	1431.6	2863.2	5726.4
intervals	0.095	0.1906	0.3813	0.762	1.525	3.05	6.1	12.2	24.4	48.8	97.6	195.2
F	2.701	5.4016	10.803	21.61	43.21	86.43	173	345.7	691.4	1382.8	2765.6	5531.2
intervals	0.313	0.6266	1.2531	2.506	5.013	10.03	20.1	40.1	80.2	160.4	320.8	641.6
D#	2.388	4.775	9.55	19.1	38.2	76.4	153	305.6	611.2	1222.4	2444.8	4889.6

Color-Octaves of the Major Scales

Root	2nd	3rd	4th	5th	6th	7th
F#	G#	Bb	B	C#	D#	F
F	G	A	Bb	C	D	E
E	F#	G#	A	B	C#	D#
D#	F	G	G#	Bb	C	D
D	E	F#	G	A	B	C
C#	D#	F	F#	G#	Bb	C
C	D	E	F	G	A	B
B	C#	D#	E	F#	G#	Bb
Bb	C	D	D#	F	G	A
A	B	C#	D	E	F#	G#
G#	Bb	C	C#	D#	F	G
G	A	B	C	D	E	F

To reiterate, according to the Law of Octaves, and utilizing a calculator to convert the octaves from Hz to THz, the C major scale is not correlative to the Chakras. I created this chart above to help familiarize musicians and artists with the color-octaves of the notes. For example, you can find the interval correlative to the root note's complimentary color, the third in the F# scale, the fifth in the C scale, and not appearing at all in some scales. Eventually some may develop a sort of synesthesia to the color-octaves, or correct a random case such as that of Alexander Scriabin, who saw the note "E" as silver. Silver is not a color in the Solar Spectrum.

If the idea is that a red light, and/or a red crystal such as Carnelian will aid a Root Chakra issue, then I would not utilize a note that is an octave of green. The correct notes for the 7 Chakras System, correlative to the Glands System, according to the Law of Octaves and the Solar Spectrum are as follows:

Crown	**F**
Brow	**E**
Throat	**D#**
Heart	**C**
Solar Plexus	**Bb**
Sacral	**A**
Root	**G#**

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